# Author Index


Ahorn, H., see Salzer, U. (1151) 149
Aksentsev, S.L., see Orlov, S.N. (1151) 186
Amigo, L., Moreno, E. and Lagunas, R.
In vivo inactivation of the yeast plasma membrane ATPase in the absence of exogenous catabolism (1151) 83
Anzai, K., Yoshioka, Y. and Kirino, Y.
Novel radioactive phospholipid probes as a tool for measurement of phospholipid translocation across biomembranes (1151) 69
Anzai, K., see Lee, S. (1151) 76
Aoyagi, H., see Lee, S. (1151) 76

Baert, J., see Lins, L. (1151) 137
Bar, L.K., see Haran, G. (1151) 201
Barenholz, Y., see Haran, G. (1151) 201
Bayerl, T.M., see Reinl, H.M. (1151) 127
Bayerl, T.M., see Romano, R. (1151) 111
Behan-Martin, M.K., Jones, G.R., Bowler, K. and Cossins, A.R.
A near perfect temperature adaptation of bilayer order in vertebrate brain membranes (1151) 216
Benoist, H., see El Ouagari, K. (1151) 105
Beuzard, Y., see Müller, P. (1151) 7
Bielinski, D.F., Pyun, H.Y., Linko-Stentz, K., Macara, I.G. and Fine, R.E.
Ral and Rab3a are major GTP-binding proteins of axonal rapid transport and synaptic vesicles and do not redistribute following depolarization stimulated synaptosomal exocytosis (1151) 246
Bonnet, R., see Parisi, M. (1151) 1
Borgnia, M., see Parisi, M. (1151) 1
Bowler, K., see Behan-Martin, M.K. (1151) 216
Brasseur, R., see Lins, L. (1151) 137
Bravo, P., see Serrano, M.A. (1151) 28
Brown, C.D.A., see Thwaites, D.T. (1151) 237
Bünger, R. and Mallet, R.T.
Mitochondrial pyruvate transport in working guinea-pig heart. Work-related vs. carrier-mediated control of pyruvate oxidation (1151) 223
Bussolati, O., Uggeri, J., Rotoli, B.M., Franchi-Gazzola, R. and Gazzola, G.C.
The relationship between sodium-dependent transport of anionic amino acids and cell proliferation (1151) 153

Cohen, R., see Haran, G. (1151) 201
Conrath, K., see Lins, L. (1151) 137
Cossins, A.R., see Behan-Martin, M.K. (1151) 216
Cragoe, E.J., see Orlov, S.N. (1151) 186

Dean, G.E., see Pan, Y.-X. (1151) 175
De Bruijne, A.W., see Paardekooper, M. (1151) 143
Delque-Bayer, P., see Gerardi-Laffin, C. (1151) 99
Devaux, P.F., see Müller, P. (1151) 7
Dorr, R., see Parisi, M. (1151) 1
Drewry, J., see Macdonald, A.G. (1151) 13

Ehrenberg, B., Gross, E., Nitzan, Y. and Malik, Z.
Electric depolarization of photosensitized cells: lipid vs. protein alterations (1151) 257
El-Mir, M.Y.A., see Serrano, M.A. (1151) 28
El Ouagari, K., Gabriel, B., Benoist, H. and Teissié, J.
Electric field-mediated glycophorin insertion in cell membrane is a localized event (1151) 105

Fine, R.E., see Bielinski, D.F. (1151) 246
Franchi-Gazzola, R., see Bussolati, O. (1151) 153

Gabriel, B., see El Ouagari, K. (1151) 105
Gazzola, G.C., see Bussolati, O. (1151) 153
Gerardi-Laffin, C., Delque-Bayer, P., Sudaka, P. and Poiree, J.C.
Oligomeric structure of the sodium-dependent phlorizin binding protein from kidney brush-border membranes (1151) 99
Gross, E., see Ehrenberg, B. (1151) 257
Gu, H.H., see Pan, Y.-X. (1151) 175
Gurlo, T.G., see Orlov, S.N. (1151) 186

Haran, G., Cohen, R., Bar, L.K. and Barenholz, Y.
Transmembrane ammonium sulfate gradients in liposomes produce efficient and stable entrapment of amphipathic weak bases (1151) 201
Hardy, C.L., see Minguell, J.J. (1151) 120
Hirata, H., see Nakanishi, M. (1151) 193
Hirst, B.H., see Thwaites, D.T. (1151) 237
Hryshko, L.V., Nicoll, D.A., Weiss, J.N. and Philipson, K.D.
Biosynthesis and initial processing of the cardiac sarcolemmal $Na^+$–$Ca^{2+}$ exchanger (1151) 35

Iseki, K., see Kobayashi, M. (1151) 161
Iwata, T., see Lee, S. (1151) 76

Jeffrey, K.R., see Martel, P. (1151) 51
Jones, G.R., see Behan-Martin, M.K. (1151) 216

Kagawa, Y., see Nakanishi, M. (1151) 193
Kaji, A., see Morishige, H. (1151) 59
Kelly, K., see Martel, P. (1151) 51
Kirino, Y., see Anzai, K. (1151) 69
Kirino, Y., see Lee, S. (1151) 76
Kobayashi, M., Iseki, K., Sugawara, M. and Miyazaki, K.
The diversity of $Na^+$-independent uptake systems for polyamines in rat intestinal brush-border membrane vesicles (1151) 161
Kolosova, I.A., see Orlov, S.N. (1151) 186
Konev, S.V., see Orlov, S.N. (1151) 186
Krieg, M., Srichai, M.B. and Redmond, R.W.
Photophysical properties of 3,3′-dialkylthiacarbocyanine dyes in organized media: unilamellar liposomes and thin polymer films (1151) 168

Lagunas, R., see Amigo, L. (1151) 83
Lee, S., Iwata, T., Oyagi, H., Aoyagi, H., Ohno, M., Anzai, K., Kirino, Y. and Sugihara, G.
Effect of salts on conformational change of basic amphipathic peptides from $\beta$-structure to $\alpha$-helix in the presence of phospholipid liposomes and their channel-forming ability (1151) 76
Linko-Stentz, K., see Bielinski, D.F. (1151) 246

Lins, L., Piron, S., Conrath, K., Vanloo, B., Brasseur, R., Rosseneu, M., Baert, J. and Ruysschaert, J.-M.
Enzymatic hydrolysis of reconstituted dimyristoylphosphatidylcholine–apo A-I complexes (1151) 137

Macara, I.G., see Bielinski, D.F. (1151) 246
Macdonald, A.G., Ramsey, R.L., Drewry, J. and Usherwood, P.N.R.
Effects of high pressure on the channel gated by the quisqualate-sensitive glutamate receptor of locust muscle and its blockade by ketamine; a single-channel analysis (1151) 13
Makriyannis, A., see Martel, P. (1151) 51
Malik, Z., see Ehrenberg, B. (1151) 257
Mallet, R.T., see Bünger, R. (1151) 223
Marin, J.J.G., see Serrano, M.A. (1151) 28
Martel, P., Makriyannis, A., Mavromoustakos, T., Kelly, K. and Jeffrey, K.R.
Topography of tetrahydrocannabinol in model membranes using neutron diffraction (1151) 51
Mavromoustakos, T., see Martel, P. (1151) 51
Minguell, J.J., Hardy, C.L. and Tavassoli, M.
Adhesive interaction of hemopoietic progenitor cell membrane with the RGD domain of fibronectin (1151) 120
Miyazaki, K., see Kobayashi, M. (1151) 161
Mongin, A.A., see Orlov, S.N. (1151) 186
Moreno, E., see Amigo, L. (1151) 83
Morishige, H., Ohkuma, T. and Kaji, A.
In vitro cytostatic effect of TNF (Tumor Necrosis Factor) entrapped in immunoliposomes on cells normally insensitive to TNF (1151) 59
Moriyama, A., see Nakanishi, M. (1151) 193
Moroder, L., see Romano, R. (1151) 111
Müller, P., Zachowski, A., Beuzard, Y. and Devaux, P.F.
Transmembrane mobility and distribution of phospholipids in the membrane of mouse $\beta$-thalassaemic red blood cells (1151) 7

Nagaraj, R., see Saberwal, G. (1151) 43
Nakanishi, M., Tetsuka, T., Kagawa, Y., Moriyama, A., Sasaki, M. and Hirata, H.
Solubilization and reconstitution of high- and low-affinity $Na^+$-dependent neutral L-$\alpha$-amino acid transporters from rabbit small intestine (1151) 193
Nicoll, D.A., see Hryshko, L.V. (1151) 35
Nitzan, Y., see Ehrenberg, B. (1151) 257

Ohkuma, T., see Morishige, H. (1151) 59
Ohno, M., see Lee, S. (1151) 76
Orlov, S.N., Kolosova, I.A., Cragoe, E.J., Gurlo, T.G., Mongin, A.A., Aksentsev, S.L. and Konev, S.V.
Kinetics and peculiarities of thermal inactivation of volume-induced $Na^+/H^+$ exchange, $Na^+,K^+,2Cl^-$ cotransport and $K^+,Cl^-$ cotransport in rat erythrocytes (1151) 186
Oyagi, H., see Lee, S. (1151) 76

Paardekooper, M., De Bruijne, A.W., Van Steveninck, J. and Van den Broek, P.J.A.
Inhibition of transport systems in yeast by photodynamic treatment with Toluidine blue (1151) 143
Pan, Y.-X., Gu, H.H., Xu, J. and Dean, G.E.
*Saccharomyces cerevisiae* expression of exogenous vacuolar ATPase subunits B (1151) 175
Parisi, M., Dorr, R., Bonnet, R., Borgnia, M. and Rossi, J.P.
Fura-2 transport in toad urinary bladder epithelium: effects of antidiuretic hormone, colchicine and osmotic gradients (1151) 1
Philipson, K.D., see Hryshko, L.V. (1151) 35
Piron, S., see Lins, L. (1151) 137
Poiree, J.C., see Gerardi-Laffin, C. (1151) 99
Pratap, P.R. and Robinson, J.D.
Rapid kinetic analyses of the $Na^+/K^+$-ATPase distinguish among different criteria for conformational change (1151) 89
Prohaska, R., see Salzer, U. (1151) 149
Pyun, H.Y., see Bielinski, D.F. (1151) 246

Ramsey, R.L., see Macdonald, A.G. (1151) 13
Redmond, R.W., see Krieg, M. (1151) 168
Reinl, H.M. and Bayerl, T.M.
Interaction of myelin basic protein with single bilayers on a solid support: an NMR, DSC and polarized infrared ATR study (1151) 127
Robinson, J.D., see Pratap, P.R. (1151) 89
Romano, R., Bayerl, T.M. and Moroder, L.
Lipophilic derivatization and its effect on the interaction of cholecystokinin (CCK) nonapeptide with phospholipids (1151) 111
Rosseneu, M., see Lins, L. (1151) 137
Rossi, J.P., see Parisi, M. (1151) 1
Rotoli, B.M., see Bussolati, O. (1151) 153
Ruysschaert, J.-M., see Lins, L. (1151) 137

Saberwal, G. and Nagaraj, R.
Interaction of hydrophobic peptides with model membranes: slow binding to membranes and not subtle variations in pore structure is responsible for the gradual release of entrapped solutes (1151) 43
Salzer, U., Ahorn, H. and Prohaska, R.
Identification of the phosphorylation site on human erythrocyte band 7 integral membrane protein: implications for a monotopic protein structure (1151) 149
Sasaki, M., see Nakanishi, M. (1151) 193
Serrano, M.A., Bravo, P., El-Mir, M.Y.A. and Marin, J.J.G.
Influence of hydroxylation and conjugation in cross-inhibition of bile acid transport across the human trophoblast basal membrane (1151) 28
Simmons, N.L., see Thwaites, D.T. (1151) 237
Srichai, M.B., see Krieg, M. (1151) 168
Sudaka, P., see Gerardi-Laffin, C. (1151) 99
Sugawara, M., see Kobayashi, M. (1151) 161
Sugihara, G., see Lee, S. (1151) 76

Tavassoli, M., see Minguell, J.J. (1151) 120
Teissié, J., see El Ouagari, K. (1151) 105
Tetsuka, T., see Nakanishi, M. (1151) 193
Thwaites, D.T., Brown, C.D.A., Hirst, B.H. and Simmons, N.L.
$H^+$-coupled dipeptide (glycylsarcosine) transport across apical and basal borders of human intestinal Caco-2 cell monolayers display distinctive characteristics (1151) 237

Uggeri, J., see Bussolati, O. (1151) 153
Usherwood, P.N.R., see Macdonald, A.G. (1151) 13

Van den Broek, P.J.A., see Paardekooper, M. (1151) 143
Vanloo, B., see Lins, L. (1151) 137
Van Steveninck, J., see Paardekooper, M. (1151) 143

Weiss, J.N., see Hryshko, L.V. (1151) 35
Wong, P.
The state of association of Band 3 of the human erythrocyte membrane: evidence of a hexamer (1151) 21

Xu, J., see Pan, Y.-X. (1151) 175

Yoshioka, Y., see Anzai, K. (1151) 69

Zachowski, A., see Müller, P. (1151) 7